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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,274	09/29/2003	Jack A. DeBraal	1217.18407	3105
26308	7590	11/29/2005	EXAMINER	
RYAN KROMHOLZ & MANION, S.C.			TRETTEL, MICHAEL	
POST OFFICE BOX 26618			ART UNIT	
MILWAUKEE, WI 53226			PAPER NUMBER	

3673

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/674,274

Applicant(s)

DEBRAAL ET AL.

Examiner

Michael Trettel

Art Unit

3673

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 6-10 and 13-22 is/are rejected.
- 7) ☒ Claim(s) 4, 5, 11 and 12 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
- Paper No(s)/Mail Date 02/09/04 (02/09/04)

- 4) ☐ Interview Summary (PTO-413)
- Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1 to 3, 6 to 8, , 13 to 19, 21, and 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Lloyd (US 6,379,414). Lloyd shows an adjustable headrest for use with a massage table that includes an adjustable linkage of particular interest. The linkage includes a pivot shaft formed by bent cross support member 38 which supports at least one pair of arms 28a, 44a upon one end of the shaft. The arms are coaxially mounted to the shaft 38 with each arm terminating in a serrated disc, such as disc 52a attached to arm 44a, and disc 54a attached to arm 28a. The faces of the discs engage one another and are held in engagement by a cam handle 42 pivotally attached to an end of the cross shaft 38. The cam handle 42 is attached to a cable 100 which passes through the shaft 38 with the opposed end of the cable being fixed to the distal end of the shaft. The cable acts as a biasing means against which the cam handle operates in order to lock the serrated discs into engagement with one another.

Claims 1 to 3, 6 to 8, 10, and 12 to 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Riach (US 5,177,823). Riach shows an adjustable linkage used to support a headrest that includes at least one cross shaft 17 upon which at least one pair of arms 11, 12 are

Art Unit: 3673

mutually mounted in a coaxial relationship. The faces of the arms are formed with serrated teeth 19a, 20a that can lock the arms into a desired angular relationship. A cam handle 23 is pivotally attached to the end of the shaft as shown in Figures 3 and 4, and can be rotated to force the serrated faces of the arms into engagement with one another. Belleville washers 21, 22 are stacked between the faces of the arms and nest within recesses, and bias the arms against the cam face of the handle 23. Note the secondary embodiment shown in Figure 6, where a similar arrangement is used to pivotally attach a single pair of arms.

Allowable Subject Matter

Claims 4, 5, 11, and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion


The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Tinsley and Kobelt show headrest linkages which are of particular interest.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Trettel whose telephone number is (571) 272-7052. The examiner can normally be reached on Monday, Tuesday, Thursday, or Friday from 7.30 am to 5.00 pm.

Art Unit: 3673

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Shackelford, can be reached on (571) 272-7052. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1113.



Michael Trettel
Primary Examiner
Art Unit 3673